



# Wyoming Drivers Survey, 2010

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By

Thomas Furgeson, M.A. Associate Research Scientist  
Bistra Anatchkova, Ph.D., Manager, Survey Research Center

With the assistance of:

Brian Harnisch, Assistant Research Scientist  
Trent Holder, Assistant Research Scientist  
Tasha Anderson, Research Aide  
Brian Williams, Research Aide

## **Wyoming Survey & Analysis Center**

University of Wyoming • Dept. 3925  
1000 East University Avenue • Laramie, WY 82071  
wysac@uwyo.edu • <http://wysac.uwyo.edu>  
(307) 766-2189 • Fax: (307) 766-2759

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# Wyoming Drivers Survey, 2010

## 1. Executive Summary

In June 2010, the Wyoming Department of Transportation (WYDOT) and the Wyoming Survey & Analysis Center (WYSAC) contracted to conduct a statewide telephone survey of licensed Wyoming drivers. The purpose of this survey is to assess many aspects of driver attitudes, opinions, knowledge, and behaviors. Results from this effort will aid WYDOT in forming policy. WYSAC conducted this telephone- survey in August 2010 on a Wyoming state-wide sample representative of households with listed telephone numbers supplemented with a sub sample of cell phone numbers. Data collection ended on August 31, by which date 580 completed surveys had been collected.

- **Start and End dates:** August 2, 2010 – August 31, 2010
- **Sample Size:** 3,600 Wyoming households (2,000 land-line telephone numbers; 1,600 cell phone numbers)
- **Completed Surveys:** 580 surveys were obtained
- **Completions by Type:** 498 interviews were completed by land-line (~ 86%); 82 on a cell phone (~ 14%)
- **Response Rate:** Response rate is approximately 32%
- **Margin of Error:** The margin of error when interpreting the data on this project is around +/- 4 percentage points at 95% confidence

## 2. Introduction

### 2.1. Background

In June 2010, the Wyoming Department of Transportation (WYDOT) and the Wyoming Survey & Analysis Center (WYSAC) contracted for a project to assess driver attitudes, opinions, knowledge, and behaviors. This effort was conducted as a statewide telephone survey of licensed Wyoming drivers, with the goal to inform WYDOT policy decisions. WYSAC's Survey Research Center (SRC) conducted this telephone survey, which included a cell phone sub-sample for thorough coverage of the population, to Wyoming drivers from a sample of all Wyoming households in August 2010; 580 completed surveys were collected by the close of data collection.

### 2.2. Organization of this Report

This report is organized as follows. The *Executive Summary* (section 1) states the purpose and summarizes important statistics about the project. The *Methods* section (section 3) discusses questionnaire development, the pool of respondents, how the survey was administered, response rates and margin of error, and data analysis. The *Findings* section (section 4) provides a comparison of respondent demographic characteristics to those for Wyoming as a whole; discusses notable findings of the survey; and presents cross-tabulations with variables of interest for the demographic variables of respondent *sex*, *age*, and *type of vehicle* driven by respondents. The *Complete Survey Results* (section 5) present the raw frequency counts and percentage distributions of responses to all items on the survey; these are presented verbatim from the questionnaire. Section 6 is an appendix that contains responses to the survey's only open-ended question.

## 3. Methods

### 3.1. Questionnaire Development

The questionnaire for this project was developed from a set of core questions provided to WYSAC by WYDOT. Original questions were modified, where necessary, for clarity and for the purpose of gathering accurate data. WYSAC and WYDOT collaboratively finalized the questionnaire, after which it was programmed for telephone interviewing using WYSAC's Computer Assisted Telephone Interviewing (CATI) software. The programmed questionnaire was tested over several days for skip logic and proper flow by several members of the SRC.

### 3.2. Sampling Frame, Sample Size and Margins of Error

We used a dual sampling frame for this survey, which consisted of a listed landline telephone sample of all Wyoming households with listed land line phone numbers and a supplemental cell phone sample so that cell phone-only households—which are on the increase in Wyoming and elsewhere—were accounted for in the effort. The sample was purchased from the Marketing Systems Group (Genesys), a leading national vendor specializing in the generation of scientific samples. Of the total sample of 3,600 telephone numbers, 2,000 were landline numbers and 1,600 were cell phone numbers. The intent of the calling effort was to collect a minimum of 400 completed surveys from these samples. Random samples of 400 yield a margin of error of about  $\pm 5$  percentage points with 95% confidence.

### 3.3. Survey Administration

The survey was administered from August 2 through August 31, 2010 as a telephone survey. During this period, skilled SRC interviewers called respondents from Sunday through Thursday between 5pm and 9pm and on Friday afternoons. Each respondent was properly screened as being 18 years old or older, living in a Wyoming household, and possessing a Wyoming driver's license. It took a mean of around 7.5 minutes to complete this survey with Wyoming drivers. Phone numbers in the sample were attempted up to 12 times in an effort to secure a completed interview, if previous attempts did not result in a completed survey, an irate refusal, or an otherwise not eligible number. Soft refusals were attempted a second time.

### 3.4. Response Rate and Margin of Error

Out of the initial 3,600 Wyoming phone numbers in the sample, 580 interviews were completed at the time of the data-collection close date and 1730 were eliminated as disconnected, or otherwise not eligible. This provides a response rate of about 32%. Of the 580 completes, 82 were completed via cell phone, for a total of around 14% of the surveys completed by cell phone. The sample size fixes the margin of error for the survey results at about  $\pm 4$  percentage points with 95% confidence. The final number of completed surveys and, consequently, the margin of error, exceeded the goals set forth for this effort.

### 3.5. Data Compilation and Analysis

Upon completion of the data collection effort, data were exported from the CATI system into a Statistical Package for the Social Sciences (SPSS) data set. Data were checked for logical errors and outliers, and the cleaned data file was properly labeled and prepared for analysis. The data was weighted on age and gender to bring the sample distribution on these two demographic characteristics to reflect their actual distribution in the Wyoming population. Some variables were recoded for cross-tabulations to provide ease of analysis and interpretation. The full results of the survey are presented in *Complete Survey Results* (section 5), where the raw frequency counts and percentage distributions of responses to all items on the survey are presented in easily-read tables. Responses to open-ended questions were edited only for typographical and grammatical errors, and are presented in Appendix A. In addition, the *Key Findings* (section 4) contain a discussion of notable survey results, along with cross-tabulations.

## 4. Findings

### 4.1. Demographic Characteristics

Table 4.1. below presents a comparison of our statewide sample to the population of Wyoming as a whole, using the two demographic characteristics collected in the survey (respondent *sex* and *age*). As seen, the sex and age distribution of the survey sample does not conform to the actual distribution of the Wyoming population by these two characteristics, according to U.S. Census Bureau estimates for 2009. In the survey sample, the percentage of males is higher than females (due to introducing quotas during the interviewing process); also, as is typical with telephone surveys, actual respondents skew toward the higher age groups. Thus, for analysis purposes, these variables were accordingly weighted to properly represent the appropriate distributions for the state. All analyses presented in this report use the weighted data. Table 4.2. shows the distribution of types of vehicles driven by respondents to the survey; in descending order, the three types of vehicles most often driven are cars, pickup trucks, and SUV's.

**Table 4.1. Comparison of Wyoming Population Estimates to Statewide Survey Sample on Selected Demographics**

Demographic	2009 statewide estimates*	Statewide survey sample
<b>Sex</b>		
Male	50.7%	56.2%
Female	49.3%	43.8%
<b>Age</b>		
18-24 years	14.5%	4.4%
25-34 years	18.2%	7.5%
35-44 years	15.6%	12.7%
45-54 years	19.4%	20.0%
55-64 years	16.2%	24.0%
65-74 years	8.8%	18.8%
75 years and older	7.3%	12.5%

\*Source: US Census Bureau.

**Table 4.2. Types of vehicle driven most often by respondents**

Type of Vehicle	Count	Percentage
<b>Sex</b>		
Car	212	38.0%
Pickup Truck	194	29.4%
Van	34	5.7%
SUV	127	24.8%
Motorcycle	3	0.6%
Semi	9	1.4%



## 4.2. Findings of Note

Below are some highlights from the survey results, organized by background variables and general subject category.

### *Types of Vehicles driven*

- Markedly more females than males drive cars and SUV's, while far more males than females drive pickups. (Table 4.7)
- Drivers who primarily drive pickup trucks and semis also are the ones who are less likely to always wear their seat belt while driving. (Table 4.7)
- Opposition (*strongly oppose* or *oppose*) to higher fees/ fines for failure to wear seat belts is highest (45%) among pickup truck drivers. (Table 4.7)

### *Seat Belts Related*

- Within the past 60 days, 55% of Wyoming drivers had read, seen, or heard something in the media about the enforcement of seat belt laws by police. In descending order, the sources for these messages were from billboards (42%), television (29%), print media (22%), and radio (21%). Just over 8% cited WYDOT release, though a substantial 14% stated "other," and variable message signs rate prominently in this last category. (Section 4.4. Question 2 and Question 2a.)
- Around 29% of Wyoming drivers say that chances are *high* or *extremely high* that one will be ticketed for not wearing a seat belt; 38% say that the chances are *50/50* for getting such a ticket, while 34% state that the chances are *low* or *extremely low*. (Section 4.4. Question 3.)
- Around 90% of Wyoming drivers say that they *always* or *often* wear a seat belt while driving, and fewer than 4% say they *rarely* or *never* wear a seat belt while driving. Percentages are similar with regard to wearing a seat belt while riding in the front seat. Over 80% of drivers say they *always* or *often* wear a seat belt while riding in the back seat of a vehicle. (Section 4.4. Question 4a.)

- Over 75% of Wyoming drivers believe it is possible to be ticketed for no other reason than not wearing a seat belt. (Section 4.4. Question 5.)
- Around 53% *strongly favor* or *somewhat favor* higher fines for failing to wear a seat belt, while around 18% neither favor nor oppose higher fines. (Section 4.4. Question 6.)
- When asked if receiving a ticket for a seat belt infraction would change their behavior, 42% of Wyoming drivers state that such a ticket would change their driving behavior *for a year or more*, while 16% said that such a ticket would *not at all* change their behavior. (Section 4.4. Question 15a.)
- Similar percentages (28%-29%) of males and females think that chances are *extremely high* or *high* for getting a ticket if they don't wear their seat belt. However, around 41% of males think that chances are *low* to *extremely low* compared to 26% of females who think that way. (Table 4.3.)
- Around 96% of females *always* or *often* wear their seat belt while driving, compared to 84% of males. Percentages for males and females are very similar for use of seat belts while *riding* in the front seat of a vehicle. (Table 4.3.)
- When riding in the back seat of a vehicle, 89% of females *always* or *often* wear their seat belt, compared to 77% of males; 15% of males say they *rarely* or *never* use a seat belt while riding in the back seat of a vehicle. (Table 4.3.)
- While 45% of males *strongly favor* or *favor* higher fees/ fines for failure to use a seat belt, 62% of females feel similarly. Around 40% of males *oppose* or *strongly oppose* higher fees/ fines, compared to only 16% of females who are opposed. (Table 4.3.)
- Drivers between 34 and 54 years old are the likeliest to think that chances are *low* or *extremely low* that they will get a ticket for failing to wear a seat belt. (Table 4.5.)
- Younger drivers, more so than older drivers, seem to believe that one can get a ticket for no other reason than for failing to wear a seat belt. (Table 4.5.)

### *Use of cell phones while driving*

- Just under 68% of Wyoming drivers *rarely* or *never* make or receive phone calls while driving. Over 97% *rarely* or *never* text message while driving. (Section 4.4. Question 7a.)
- Around 39% of males and 26% of females make or receive phone calls, at least sometimes, while driving. (Table 4.4)
- Around 20% of males and 11% of females think that the chances of being arrested within city or town limits if they drive after drinking alcohol are *low* or *extremely low*. (Table 4.4)
- Over 40% of drivers from the ages of 25 to 54 report that they *sometimes*, *often*, or *always* make or receive phone call while driving. (Table 4.5)
- Around 10% of drivers from 35 to 44 years old report *sometimes* texting while driving; 5% of drivers from 25 to 34 report that they *sometimes* text. (Table 4.5)

### *Alcohol Use Related*

- While over 82% of Wyoming drivers *never* drove within two hours of drinking alcohol within the past 60 days, 10% state that they did so once, and 6% did so between 2-5 times. (Section 4.4. Question 8.)
- Within the past 60 days, 69% of Wyoming drivers read, saw, or heard something in the media regarding the enforcement of impaired driving or drunk driving laws. Of those, most (51%) saw something on television, while 34% saw something in the print media, 33% heard something on the radio, and 16% saw something on a billboard. (Section 4.4. Question 9 and Questions 9a.)
- Over 56% of Wyoming drivers think that chances are *high* or *extremely high* that they would be arrested within city or town limits if they drove after drinking alcohol, while only 28% think the same for driving outside of city limits. (Section 4.4. Question 10a.)

- When asked if receiving a ticket for driving under the influence would change their behavior, around 93% of Wyoming drivers state that such a ticket would change their driving behavior *for a year or more*. (Section 4.4. Question 15c.)
- While clear majorities of both males and females *never* have driven within two hours of drinking alcohol (within the past 60 days), 21% of males and 9% of females have done so from one to three times. (Table 4.4.)
- Drivers from the ages of 25 to 34 are the most likely (33%) to have driven at least once within two hours of drinking alcohol (within the past 60 days). Over 15% of drivers 45 to 64 years old have driven at least once, and over 12% of drivers from age 65 and over have done so. (Table 4.5.)
- Younger drivers, more so than older drivers, tend to think that the chances are *extremely high* or *high* that they will be arrested within or outside city or town limits if they drive after drinking alcohol. (Table 4.6.)

### *Speeding Issues*

- Around 69% of Wyoming drivers state that they *rarely* or *never* drive faster than 35 miles per hour within a 30 mile per hour zone, though 20% state that they *sometimes* do. (Section 4.4. Question 11.)
- Over 85% of Wyoming drivers state that they *rarely* or *never* drive faster than 75 miles per hour within a 70 mile per hour zone, though 8% state that they *sometimes* do. (Section 4.4. Question 12.)
- Within the past 60 days, 27% of Wyoming drivers read, saw, or heard something in the media regarding speed limit enforcement by police. Around 52% of those say they saw something in the print media, 26% saw something on television; both radio and billboards accounted for about 18% of these messages each. (Section 4.4. Question 13 and Question 13a.)

- Around 43% of Wyoming drivers think that chances are *high* or *extremely high* that one will get a ticket for speeding, though fully 46% say that the chances are around 50/50. (Section 4.4. Question 14.)
- When asked if receiving a ticket for speeding would change their behavior, 44% of Wyoming drivers state that such a ticket would change their driving behavior *for a year or more*, around 23% said it would change their behavior for *several* months, while 7% said that such a ticket would change their behavior *not at all*. (Section 4.4. Question 15b.)
- Over 39% of males and 21% of females *sometimes, often, or always* drive faster than 35mph on local roads with speed limits of 30mph. (Table 4.4.)
- Around 19% of males and 11% of females *sometimes, often, or always* drive faster than 75mph on roads with speed limits of 70mph. (Table 4.4.)
- Younger drivers, more so than older drivers, tend to *sometimes, often, or always* drive faster than 35mph on local roads with a 30mph speed limit, and to drive faster than 75mph on roads with a speed limit of 70mph. Younger drivers more than older drivers also tend to think that the chances are higher for getting a ticket for speeding. (Table 4.6.)

### *Media Related*

- More males than females report to have heard radio messages for seat belt law enforcement and drunk driving enforcement. (Table 4.3. and Table 4.4.)
- The older the driver, the higher the likelihood that they have seen something about seat belt law enforcement in print media. (Table 4.5.)
- Around 90% of drivers from 18 to 24 years old say that they have seen information about speed limit enforcement in print media. (Table 4.6)

### 4.3. Cross-tabulations

Several variables of interest were cross-tabulated with the survey demographic variables of respondent *age*, *sex*, and *kind of vehicle driven most often*. Only those cross-tabulations that exhibited statistically significant differences ( $p < 0.05$ ) by the background variables tested are presented below.

#### 4.3.1. Cross-tabulations by Respondent Sex

**Table 4.3. Crosstabulations of respondent sex by selected variables: 1.**

	Sex	
	Male	Female
<b>What type of vehicle do you drive most often?</b>		
Car	29.7%	46.8%
Pickup Truck	48.3%	9.5%
Van	4.7%	6.7%
SUV	14.3%	35.9%
Motorcycle	1.3%	0.0%
Semi	1.7%	1.1%
<b>Where did you read, see or hear about enforcement of seat belt laws by police?</b>		
On the radio	26.5%	14.3%
<b>What do you think are the chances of getting a ticket if you don't wear your seat belt in Wyoming?</b>		
Extremely high/ High	28.0%	29.2%
50/50	30.8%	45.3%
Low/ Extremely low	41.3%	25.5%
<b>When driving a motor vehicle do you have your seat belt on:</b>		
Always or Often	84.0%	96.1%
Sometimes	10.0%	2.8%
Rarely or Never	6.0%	1.1%
<b>When riding in the front seat of a motor vehicle do you have your seat belt on:</b>		
Always or Often	86.0%	95.8%
Sometimes	8.0%	2.1%
Rarely or Never	6.0%	2.1%
<b>When riding in the back seat of a motor vehicle do you have your seat belt on:</b>		
Always or Often	76.8%	89.4%
Sometimes	8.2%	5.5%
Rarely or Never	15.0%	5.1%
<b>To what extent do you favor or oppose higher fees/fines for failure to use a seat belt?</b>		
Strongly favor or favor	44.7%	62.0%
Neither favor nor oppose	15.3%	21.9%
Oppose or strongly oppose	40.0%	16.1%

Table 4.4. Crosstabulations of respondent sex by selected variables: 2.

	Sex	
	Male	Female
<b>How often do you make or receive phone calls while driving a vehicle?</b>		
Always or Often	15.1%	6.3%
Sometimes	23.4%	19.3%
Rarely or Never	61.5%	74.4%
<b>In the past 60 days, how many times have you driven a motor vehicle within 2 hours after drinking alcoholic beverages?</b>		
Never	74.9%	91.2%
Once	12.4%	7.4%
2-3 times	8.4%	1.4%
4-5 times	2.7%	0.0%
5 or more times	1.7%	0.0%
<b>Where did you read, see or hear about enforcement of drunk driving laws?</b>		
On the radio	40.1%	24.0%
<b>What do you think the chances are of someone in Wyoming getting arrested if they drive WITHIN city or town limits after drinking alcohol?</b>		
Extremely high/ High	52.5%	60.4%
50/50	28.3%	28.8%
Low/ Extremely low	19.2%	10.8%
<b>On a local road with a speed limit of 30 mph, how often do you drive faster than 35 mph?</b>		
Always or Often	11.0%	9.8%
Sometimes	28.4%	11.6%
Rarely or Never	60.5%	78.6%
<b>On a road with a speed limit of 75 mph, how often do you drive faster than 80 mph?</b>		
Always or Often	5.1%	8.7%
Sometimes	13.5%	2.4%
Rarely or Never	81.5%	88.8%

## 4.3.2. Cross-tabulations by Respondent Age

Table 4.5. Crosstabulations of respondent age by selected variables: 1.

	Age						
	18-24	25-34	35-44	45-54	55-64	65-74	75 or over
<b>What type of vehicle do you drive most often?</b>							
Car	66.3%	25.5%	24.4%	34.8%	35.1%	36.5%	59.5%
Pickup Truck	10.8%	30.2%	35.6%	33.9%	34.0%	32.7%	21.4%
Van	0.0%	8.5%	8.9%	4.5%	5.3%	9.6%	4.8%
SUV	22.9%	34.0%	26.7%	24.1%	24.5%	17.3%	14.3%
Motorcycle	0.0%	1.9%	0.0%	0.9%	0.0%	1.9%	0.0%
Semi	0.0%	0.0%	4.4%	1.8%	1.1%	1.9%	0.0%
<b>Where did you read, see or hear about enforcement of seat belt laws by police?</b>							
On television	32.4%	26.8%	13.1%	23.6%	44.9%	45.5%	50.0%
In print media	5.7%	14.6%	19.7%	21.8%	28.6%	45.5%	53.8%
<b>What do you think are the chances of getting a ticket if you don't wear your seat belt in Wyoming?</b>							
Extremely high/High	31.3%	30.1%	27.9%	22.1%	27.0%	36.2%	33.3%
50/50	55.4%	41.7%	25.6%	33.7%	41.6%	29.8%	28.2%
Low/Extremely low	13.3%	28.2%	46.5%	44.2%	31.5%	34.0%	38.5%
<b>"You can get a ticket for no other reason than not wearing a seat belt while driving in Wyoming."</b>							
True	77.1%	96.0%	78.0%	70.4%	59.8%	70.8%	65.0%
False	22.9%	4.0%	22.0%	29.6%	40.2%	29.2%	35.0%
<b>How often do you make or receive phone calls while driving a vehicle?</b>							
Always or Often	6.0%	20.8%	17.8%	12.4%	3.2%	2.0%	0.0%
Sometimes	22.9%	20.8%	23.3%	32.7%	20.4%	9.8%	2.4%
Rarely or Never	71.1%	58.5%	58.9%	54.9%	76.3%	88.2%	97.6%
<b>How often do you text message while driving a vehicle?</b>							
Always or Often	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%
Sometimes	0.0%	4.8%	10.0%	0.9%	0.0%	0.0%	0.0%
Rarely or Never	100.0%	95.2%	90.0%	98.2%	100.0%	100.0%	100.0%
<b>In the past 60 days, how many times have you driven a motor vehicle within 2 hours after drinking alcoholic beverages?</b>							
Never	91.6%	66.7%	86.7%	83.3%	82.8%	86.5%	88.1%
Once	6.0%	25.7%	4.4%	7.9%	7.5%	7.7%	9.5%
2-3 times	0.0%	1.9%	7.8%	7.0%	8.6%	3.8%	2.4%
4-5 times	2.4%	3.8%	0.0%	0.9%	0.0%	1.9%	0.0%
5 or more times	0.0%	1.9%	1.1%	0.9%	1.1%	0.0%	0.0%



Table 4.6. Crosstabulations of respondent age by selected variables: 2.

	Age						
	18-24	25-34	35-44	45-54	55-64	65-74	75 or over
<b>What do you think the chances are of someone in Wyoming getting arrested if they drive WITHIN city or town limits after drinking alcohol?</b>							
Extremely high/High	70.4%	65.7%	67.8%	47.3%	44.7%	42.0%	50.0%
50/50	21.0%	16.2%	15.6%	40.0%	39.4%	40.0%	34.2%
Low/Extremely low	8.6%	18.1%	16.7%	12.7%	16.0%	18.0%	15.8%
<b>What do you think the chances are of someone in Wyoming getting arrested if they drive OUTSIDE OF city or town limits after drinking alcohol?</b>							
Extremely high/High	31.3%	28.4%	37.1%	21.8%	25.0%	22.4%	31.6%
50/50	51.8%	42.2%	28.1%	47.3%	35.9%	42.9%	50.0%
Low/Extremely low	16.9%	29.4%	34.8%	30.9%	39.1%	34.7%	18.4%
<b>Speed over 30</b>							
Always or Often	14.5%	19.0%	13.2%	7.2%	5.3%	3.9%	4.8%
Sometimes	16.9%	23.8%	23.1%	18.9%	20.2%	17.6%	16.7%
Rarely or Never	68.7%	57.1%	63.7%	73.9%	74.5%	78.4%	78.6%
<b>Speed over 70</b>							
Always or Often	14.8%	12.4%	3.3%	7.1%	3.2%	1.9%	0.0%
Sometimes	17.3%	8.6%	7.7%	9.8%	5.3%	1.9%	2.4%
Rarely or Never	67.9%	79.0%	89.0%	83.0%	91.6%	96.2%	97.6%
<b>Where did you read, see or hear about enforcement of speed limits by police? (past 60 days)</b>							
In print media	89.5%	41.4%	40.0%	44.0%	40.7%	62.5%	72.7%
<b>What do you think are the chances of getting a ticket if you drive over the speed limit in Wyoming?</b>							
Extremely high/High	40.2%	51.4%	55.6%	32.4%	38.7%	38.0%	40.0%
50/50	57.3%	43.8%	37.8%	51.4%	44.1%	42.0%	35.0%
Low/Extremely low	2.4%	4.8%	6.7%	16.2%	17.2%	20.0%	25.0%

### 4.3.3. Cross-tabulations by Respondent Type of Vehicle

**Table 4.7. Crosstabulations of respondent type of vehicle by selected variables.**

	Type of Vehicle					
	Car	Pickup Truck	Van	SUV	Motorcycle	Semi
<b>When driving a motor vehicle do you have your seat belt on:</b>						
Always or Often	95.5%	80.8%	88.2%	93.1%	75.0%	77.8%
Sometimes	2.7%	11.6%	8.8%	5.5%	25.0%	0.0%
Rarely or Never	1.8%	7.6%	2.9%	1.4%	0.0%	22.2%
<b>To what extent do you favor or oppose higher fees/fines for failure to use a seat belt?</b>						
Strongly favor or favor	62.4%	38.2%	63.6%	56.4%	0.0%	37.5%
Neither favor nor oppose	18.3%	17.1%	12.1%	20.7%	0.0%	37.5%
Oppose or strongly oppose	19.2%	44.7%	24.2%	22.9%	100.0%	25.0%

## 4.4. Complete Survey Results

In this section are presented the frequency counts and percentage distributions of responses for each item of the survey instrument. Each item is presented in the order and with the exact wording that was used during survey administration. Frequency counts reflect raw data. Percentage distributions are based on weighted data—to correspond to the sex and age distribution of the population of Wyoming, and include only valid responses—*Don't know* and *No answer* responses are excluded from the percentage calculations.

Before the actual interview began, all respondents were read a disclaimer that their participation is voluntary and that they can terminate the interview at any time. Respondents were also screened on the basis of residency in Wyoming, being in a private household, being at least 18 years old, and holding a Wyoming driver's license.

### In which county in Wyoming do you live?

County	Count	%
Albany	31	4.5%
Big Horn	17	2.9%
Campbell	39	7.4%
Carbon	20	4.1%
Converse	18	3.9%
Crook	13	2.3%
Fremont	44	6.5%
Goshen	9	1.2%
Hot Springs	10	2.0%
Johnson	9	1.2%
Laramie	100	17.1%
Lincoln	30	6.6%
Natrona	70	12.3%
Niobrara	3	0.5%
Park	32	5.8%
Platte	8	0.9%
Sheridan	24	3.8%
Sublette	5	0.6%
Sweetwater	34	5.5%
Teton	21	4.3%
Uinta	11	2.0%
Washakie	15	2.1%
Weston	16	2.4%
Total Valid	579	100.0
(Don't know/No answer)	1	
Total	580	

**Q1: What type of vehicle do you drive most often?**

	Count	%
Car	212	38.0%
Pickup Truck	194	29.4%
Van	34	5.7%
SUV	127	24.8%
Motorcycle	3	0.6%
Semi	9	1.4%
Total Valid	579	100.0%
(Don't know/Not sure)	1	
(No answer/Refused)	0	
Total	580	

**Q2: In the past 60 days, have you read, seen, or heard anything about enforcement of seat belt laws by police?**

	Count	%
Yes	296	55.1%
No	281	44.9%
Total Valid	577	100.0%
(Don't know/Not sure)	3	
(No answer/Refused)	0	
Total	580	

**Q2a: [If yes] Where did you read, see or hear about enforcement of seat belt laws by police? Was it...? (Check all that apply.)**

	Count	%
On television	99	29.0%
On the radio	55	20.8%
On a billboard	115	41.8%
In print media	84	21.8%
In a WYDOT release	24	8.2%
Other (specify)	26	14.0%
(Don't know/Not sure)	1	0.2%

➔ See Appendix A for a complete text listing of *Other* responses specified.

**Q3: What do you think are the chances of getting a ticket if you don't wear your seat belt in Wyoming?**

	Count	%
Extremely high	47	9.0%
High	108	19.7%
50/50	183	37.7%
Low	153	25.1%
Extremely low	51	8.5%
Total Valid	542	100.0%
(Don't know/Not sure)	37	
(No answer/Refused)	1	
Total	580	

**Q4a: When driving a motor vehicle do you have your seat belt on...**

	Count	%
Always	411	72.6%
Often	110	17.2%
Sometimes	37	6.5%
Rarely	11	2.1%
Never	11	1.5%
Total Valid	580	100.0%
(Don't know/Not sure)	0	
(No answer/Refused)	0	
Total	580	

**Q4b: When riding in the FRONT SEAT of a motor vehicle do you have your seat belt on...**

	Count	%
Always	414	71.9%
Often	109	18.9%
Sometimes	35	5.2%
Rarely	11	2.1%
Never	11	1.9%
Total Valid	580	100.0%
(Don't know/Not sure)	0	
(No answer/Refused)	0	
Total	580	

**Q4c: When riding in the BACK SEAT of a motor vehicle do you have your seat belt on...**

	Count	%
Always	337	66.3%
Often	82	16.9%
Sometimes	40	6.8%
Rarely	19	3.4%
Never	35	6.6%
Total Valid	513	100.0%
(Don't know/Not sure)	25	
(No answer/Refused)	42	
Total	580	

**Q5: I am going to read a statement. Please tell me if you think it is true or false.**

"You can get a ticket for no other reason than not wearing a seat belt while driving in Wyoming."

	Count	%
True	394	75.2%
False	159	24.8%
Total Valid	553	100.0%
(Don't know/Not sure)	27	
(No answer/Refused)	0	
Total	580	

**Q6: To what extent do you favor or oppose higher fines for failure to use a seat belt?**

	Count	%
Strongly Favor	149	27.0%
Somewhat Favor	144	26.1%
Neither Favor, Nor Oppose	102	18.4%
Somewhat Oppose	82	14.0%
Strongly Oppose	85	14.4%
Total Valid	562	100.0%
(Don't know/Not sure)	15	
(No answer/Refused)	3	
Total	580	

**Q7a: How often do you make or receive phone calls while driving a vehicle?**

	Count	%
Always	11	2.7%
Often	39	8.1%
Sometimes	113	21.5%
Rarely	198	39.2%
Never	218	28.5%
Total Valid	579	100.0%
(Don't know/Not sure)	1	
(No answer/Refused)	0	
Total	580	

**Q7b: How often do you text message while driving a vehicle?**

	Count	%
Always	0	0%
Often	1	0.1%
Sometimes	10	2.5%
Rarely	38	11.2%
Never	530	86.2%
Total Valid	579	100.0%
(Don't know/Not sure)	1	
(No answer/Refused)	0	
Total	580	

**Q8: In the past 60 days, how many times have you driven a motor vehicle within 2 hours after drinking alcoholic beverages?**

	Count	%
Never	481	82.8%
Once	52	10.0%
2-3 times	36	5.0%
4-5 times	5	1.4%
5 or more times	5	0.9%
Total Valid	579	100.0%
(Don't know/Not sure)	1	
(No answer/Refused)	0	
Total	580	

**Q9: In the past 60 days, have you read, seen, or heard anything in the media about enforcement of alcohol impaired driving or drunk driving laws?**

	Count	%
Yes	389	69.1%
No	181	30.9%
Total Valid	570	100.0%
(Don't know/Not sure)	10	
(No answer/Refused)	0	
Total	580	

**Q9a: [If yes] Where did you read, see or hear about enforcement of drunk driving laws? Was it...? (Check all that apply.)**

	Count	%
On television	206	51.5%
On the radio	115	33.0%
On a billboard	56	16.5%
In print media	153	34.1%
In a WYDOT release	16	4.2%
Other (specify)	8	2.4%
(Don't know/Not sure)	4	0.9%

**Q10a: What do you think the chances are of someone in Wyoming getting arrested if they drive WITHIN city or town limits after drinking alcohol?**

	Count	%
Extremely high	90	18.9%
High	196	37.5%
50/50	192	28.6%
Low	73	12.6%
Extremely low	18	2.5%
Total Valid	569	100.0%
(Don't know/Not sure)	11	
(No answer/Refused)	0	
Total	580	



**Q10b: What do you think are the chances of someone in Wyoming getting arrested if they drive OUTSIDE OF city or town limits after drinking alcohol?**

	Count	%
Extremely high	34	7.1%
High	115	21.1%
50/50	231	41.9%
Low	150	24.0%
Extremely low	34	5.9%
Total Valid	564	100.0%
(Don't know/Not sure)	16	
(No answer/Refused)	0	
Total	580	

**Q11: On a local road with a speed limit of 30 mph, how often do you drive faster than 35 mph?**

	Count	%
Always	11	2.4%
Often	35	8.2%
Sometimes	119	20.2%
Rarely	257	43.8%
Never	157	25.4%
Total Valid	579	100.0%
(Don't know/Not sure)	1	
(No answer/Refused)	0	
Total	580	

**Q12: On a road with a speed limit of 75 mph, how often do you drive faster than 80 mph?**

	Count	%
Always	12	2.6%
Often	13	4.3%
Sometimes	39	8.0%
Rarely	153	26.9%
Never	362	58.1%
Total Valid	579	100.0%
(Don't know/Not sure)	1	
(No answer/Refused)	0	
Total	580	

**Q13: In the past 60 days, have you read, seen, or heard anything in the media about speed limit enforcement by police?**

	Count	%
Yes	161	26.7%
No	411	73.3%
Total Valid	572	100.0%
(Don't know/Not sure)	8	
(No answer/Refused)	0	
Total	580	

**Q13a: [If yes] Where did you read, see or hear about enforcement of speed limits by police? Was it...?**

	Count	%
On television	46	25.6%
On the radio	28	18.9%
On a billboard	28	18.3%
In print media	83	52.0%
In a WYDOT release	6	4.1%
Other (specify)	10	5.3%

**Q14: What do you think are the chances of getting a ticket if you drive over the speed limit in Wyoming?**

	Count	%
Extremely high	47	8.6%
High	181	33.9%
50/50	250	45.7%
Low	79	10.2%
Extremely low	12	1.6%
Total Valid	569	100.0%
(Don't know/Not sure)	9	
(No answer/Refused)	2	
Total	580	

**Q15a: If you were to get a ticket for a seat belt violation, for how long would it change your behavior? Would you say...**

	Count	%
Not at all	41	16.3%
For 1 day or less	11	7.9%
For several days	30	11.9%
For several weeks	21	10.4%
For several months	24	11.9%
For one year or more	101	41.6%
Total Valid	228	100.0%
(Do not/will never be in violation)	304	
(Don't know/Not sure)	46	
(No answer/Refused)	2	
Total	580	

**15b: If you were to get a ticket for speeding, for how long would it change your driving behavior? Would you say your driving behavior would change:**

	Count	%
Not at all	29	6.5%
For 1 day or less	19	5.7%
For several days	30	7.8%
For several weeks	44	12.4%
For several months	81	23.3%
For one year or more	177	44.3%
Total Valid	380	100.0%
(Do not/will never be in violation)	155	
(Don't know/Not sure)	43	
(No answer/Refused)	2	
Total	580	

**15c: If you were to get a ticket for driving under the influence, for how long would it change your driving behavior? Would you say your driving behavior would change:**

	Count	%
Not at all	5	1.7%
For 1 day or less	0	0.0%
For several days	4	1.5%
For several weeks	0	0.0%
For several months	10	4.0%
For one year or more	200	92.7%
Total Valid	219	100.0%
(Do not/will never be in violation)	350	
(Don't know/Not sure)	10	
(No answer/Refused)	1	
Total	580	

**16: Finally, what is your age?**

	Count	%
18-24	25	14.3%
25-34	43	18.2%
35-44	73	15.6%
45-54	115	19.5%
55-64	138	16.2%
65-74	108	8.9%
75 or over	72	7.3%
Total Valid	574	100.0%
(No answer/Refused)	6	
Total	580	

**Respondent's sex**

	Count	%
Male	326	51.3%
Female	254	48.7%
Total Valid	580	
(Can't tell)	0	
Total	580	

**We appreciate your help in this study. Is there anything you would like to add?**

➔ See Appendix A for complete text listing of responses.

## 5. Appendix A: Responses to open-ended question.

2a. Where did you read, see or hear about enforcement of seat belt laws by police? *Other specified :*

- Road sign.
- I work in the ER & I hear about it all the time.
- From state police when they pulled me over.
- Heard from a co worker.
- On a patrol car.
- Digital signs.
- Digital boards on I-80.
- Road signs.(2)
- On the side of roads.
- Word of mouth.
- Bumper stickers on patrol cars.
- Bumper sticker on the back of police car.
- Bumper sticker on police car.
- Word of mouth. It is a small town.
- At work.
- Electronic highway signs. (4)
- Road signs.
- In personal contact with all law enforcement agencies and the DA.
- Talking with friends.
- Signs on police cars and signs on the road.

**13a. Where did you read, see or hear about enforcement of speed limits by police? *Other specified* :**

- Portable speed signs that tell you your speed.
- Speed detector sign used to show driver speed.
- Signs in construction sites.
- I work at the Sheriff's office and read police reports.
- Posted speed traps by police in local paper.
- Signs in neighborhoods in Casper.
- Road signs.
- At work.
- Electronic signs on highway.
- Complained to city.

**We appreciate your help with this survey. Is there anything you would like to add?**

- Albany County needs to enforce more speeding laws.
- I think the penalties for driving drunk should be much more severe. People should be punished sufficiently the first time [so] that they never think to do it again.
- I think some of the wording of these questions could be improved.
- I think there should be more highway patrolmen.
- It isn't the tickets themselves (the fines) but the fact that the insurance company would penalize me that keeps me (and others) from speeding/driving recklessly.
- Need more patrolmen on the highways.
- I think WYDOT does a good job for the manpower they have. It is hard to cover so much area and they can't have cops everywhere all the time.
- The reason I believe in the seatbelts is because I had a daughter in a bad accident, so it

really changed our perspective more than maybe other people.

- WYDOT does a good job.
- We need more highway patrolmen.
- Using seatbelts should be optional for adults.
- Need to stop people from cell phone use and from texting.
- More enforcement of cell phone usage.
- I am from Connecticut, yellow arrows are idiotic.
- Drunk driving laws in Wyoming are better than average. However, law enforcement is limited. One has to screw up very bad to get pulled over, much less [get] arrested.
- Texting should be stopped. It should be outlawed.
- Do not believe in seat belt laws and believe it should be a personal choice.
- I just wish they'd enforce the seatbelt law on children more often.
- Keep the strips on the roads painted so they are easily seen.
- Need to enforce seat belt law; need to ban cell phone driving and texting. Would be wonderful if you outlawed it and ticketed people for using cell phones. Have also seen police officers doing this.
- I don't drink alcohol at all so that affected my answers to whether I drink and drive.
- I think with the area and so many roads that we have I think that our police are doing a pretty good job, it's just that there's a long way between things and not enough police.
- Wants more crackdown on drunk driving and appreciate the law enforcement of drunk [driving] and cell phone laws.
- Down south they have cameras that take your picture when you are speeding and you get fines. I think it's a good idea. It might help a whole lot.
- After 10:30 pm there are no highway patrol on the road. I think that is wrong, because the people who do drink are aware of this and know that their chances of getting caught are slim to none outside of city limits.

- I think the police do a pretty good job.
- Wish they would get drunks off the road.
- I'm employed by the DOT. I'm a highway maintenance worker in Chugwater. If you get caught drinking and driving you lose your CDL and your job.
- Do not allow cell phones while driving car.
- I work in law enforcement.
- Seat belts are a personal choice and government should not be involved.
- Our troopers and county law enforcement do a really good job. I'm proud of them and they have a job like no other.
- Need to hire more patrolmen.
- When are you going to pass a comprehensive helmet law? I will wear my seat belt all the time when motorcyclists wear helmets all the time.
- Need to enforce the cell phone or text messages more.
- Enforce seat belt laws more often.
- I wish people would obey the 40mph blinking lights. I think they don't because it is not higher than eye-level. But they're always out-of-staters. There used to be highway patrol on both sides on 287 but they're hardly there anymore. Maybe they're too busy on I-80. I know the county is doing I-25 going to Rawlins from our area and my husband got a ticket there. I don't know where those highway patrolmen are, but we're seeing a lot more rangers but you never see the highway patrol and that concerns me.
- As a Libertarian I don't believe in seatbelt laws but as a fireman I have pulled people out of cars that are quite dead, so I understand their effectiveness and the intent.
- I think you are doing well (law enforcement).
- More enforcement of people using cell phones for talking and texting.
- I just wish Wyoming had more money for more law enforcement.
- I wish there was some way to stop people from driving drunk, talking on the phone, etc.



- I don't think they should enforce a seatbelt law when they aren't ticketing people for texting and talking on the cell phone.
- I don't like the seatbelt laws or the cell phone laws because I think we should make our own choices.
- I oppose the seatbelt law. It's the state patrol and police's job to protect me from other drivers.
- I wish there were more patrols for children riding without seatbelts.
- Should be able to pull anyone over not wearing seat belts, especially unbelted children.
- The alcohol question is misleading because it doesn't say if you have had alcohol above the drinking limit or not.
- I'm glad to see that the highway patrol did put more units on I-80.
- Official representatives of the city need to be sure to always follow traffic laws. Not just police, but anyone acting in an official capacity needs to use their turn signals, etc., when they're driving. Also, a lot of people when turning right will turn into a left lane instead of the right lane. I almost get hit once every couple months because I have to slam on my brakes because someone has turned into the wrong lane where I have the right of way.
- Enforce speeding [laws] better.
- One thing that really bothers me is when people drive and talk on their cell phones. I think we should have much stricter laws about using a cell phone for calls or texting while driving, and the fines should be very high.
- I've never had a speeding ticket.
- I love Wyoming.
- They should do a lot more to prevent drinking and driving because we have a lot of problems with it in our county.
- I think that sometimes Wyoming's law enforcement go out of their way to alienate the young people. They get pulled over for no good reason. I think Wyoming is the worst in the country for alienating the younger drivers like 19 and 20 year olds. My son gets pulled over often for nothing at all.
- Hope to have stricter enforcement of drinking and driving in the county.

- I-20 North of Midwest needs to be re-done.
- Let's up the law enforcement.
- Questions regarding alcohol need to be revised. It is not illegal to drink and drive, it is illegal to drink in excess and drive.
- The Department of Transportation should have an education program to teach people to drive on multi-lane highways.
- We need more enforcement on speed laws and cell phones and seat belts.
- They are doing a new bridge in Teton County. The road is really messed up and I went through there on my motorcycle. They need to repave it before winter.
- I run the VFW in Sublette County and I take all people home who aren't able to drive. I am very, very careful. I once took nine people home who were too drunk to drive.

## **6. Appendix B: List of Questions Asked, Wyoming Drivers Survey, 2010**

**Q1: What type of vehicle do you drive most often?**

**Q2: In the past 60 days, have you read, seen, or heard anything about enforcement of seat belt laws by police?**

**Q2a: [If yes] Where did you read, see or hear about enforcement of seat belt laws by police? Was it...? (Check all that apply.)**

**Q3: What do you think are the chances of getting a ticket if you don't wear your seat belt in Wyoming?**

**Q4a: When driving a motor vehicle do you have your seat belt on...**

**Q4b: When riding in the FRONT SEAT of a motor vehicle do you have your seat belt on...**

**Q4c: When riding in the BACK SEAT of a motor vehicle do you have your seat belt on...**

**Q5: I am going to read a statement. Please tell me if you think it is true or false.**

**"You can get a ticket for no other reason than not wearing a seat belt while driving in Wyoming."**

**Q6: To what extent do you favor or oppose higher fines for failure to use a seat belt?**

**Q7a: How often do you make or receive phone calls while driving a vehicle?**

**Q7b: How often do you text message while driving a vehicle?**

**Q8: In the past 60 days, how many times have you driven a motor vehicle within 2 hours after drinking alcoholic beverages?**

**Q9: In the past 60 days, have you read, seen, or heard anything in the media about enforcement of alcohol impaired driving or drunk driving laws?**

**Q9a: [If yes] Where did you read, see or hear about enforcement of drunk driving laws? Was it...? (Check all that apply.)**

**Q10a: What do you think the chances are of someone in Wyoming getting arrested if they drive WITHIN city or town limits after drinking alcohol?**

**Q10b: What do you think are the chances of someone in Wyoming getting arrested if they drive OUTSIDE OF city or town limits after drinking alcohol?**

**Q11: On a local road with a speed limit of 30 mph, how often do you drive faster than 35 mph?**

**Q12: On a road with a speed limit of 75 mph, how often do you drive faster than 80 mph?**

**Q13: In the past 60 days, have you read, seen, or heard anything in the media about speed limit enforcement by police?**

**Q13a: [If yes] Where did you read, see or hear about enforcement of speed limits by police? Was it...?**

**Q14: What do you think are the chances of getting a ticket if you drive over the speed limit in Wyoming?**

**Q15a: If you were to get a ticket for a seat belt violation, for how long would it change your behavior? Would you say...**

**15b: If you were to get a ticket for speeding, for how long would it change your driving behavior? Would you say your driving behavior would change:**

**15c: If you were to get a ticket for driving under the influence, for how long would it change your driving behavior? Would you say your driving behavior would change:**

**16: Finally, what is your age?**

**Respondent's sex**

**We appreciate your help in this study. Is there anything you would like to add?**